



SKF GE 25 C

Radial spherical plain bearing, maintenance-free, metric sizes

These spherical plain bearings have a steel/PTFE sintered bronze contact surface combination and are maintenance-free. The sliding surfaces have to be externally protected from contaminants. These bearings are also available with a wider inner ring and a larger outside diameter (suffix GEH), which enable higher load ratings and larger tilt angles.

Technical specifications

General	
Maintenance	Maintenance-free
Sliding contact surface combination	Steel/PTFE sintered bronze
Material, inner ring	Bearing steel
Material, outer ring	Steel
Sealing	Without
Dimensions	
Bore diameter	25 mm
Outside diameter	42 mm
Width	20 mm
Width outer ring	16 mm
Angle of tilt	7 °
Raceway diameter inner ring	35.5 mm
Chamfer dimension bore	0.6 mm
Chamfer dimension outer ring	0.6 mm
Width, inner ring	20 mm
Width, outer ring	16 mm
Abutment dimensions	
Abutment diameter shaft	27.7 mm
Abutment diameter shaft	29.3 mm
Abutment diameter housing	33.7 mm
Abutment diameter housing	39.5 mm
Fillet radius shaft	0.6 mm
Fillet radius housing	0.6 mm
Calculation data	
Basic dynamic load rating	51 kN
Basic static load rating	127 kN
Specific dynamic load factor	100 N/mm ²
Specific static load factor	250 N/mm ²
Material constant	1400
Performance	
Basic dynamic load rating	51 kN
Basic static load rating	127 kN
Properties	
Sliding contact surface combination	Steel/PTFE sintered bronze
Material, inner ring	Bearing steel
Material, outer ring	Steel
Maintenance	Maintenance-free
Sealing	Without
Relubrication feature	Without
Logistics	
Product net weight	0.116 kg

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UNSPSC code	31171515

